

FIG. 1A



OCIF ACTIVITY

| DILUTION | FRACTIONS | | | |
|----------|-------------|--------------|--------------|--------------|
| | <u>1-10</u> | <u>11-20</u> | <u>21-30</u> | <u>31-40</u> |
| 1/100 | - | ++ | ++ | - |
| 1/500 | - | ++ | ++ | - |

FIG. 1B

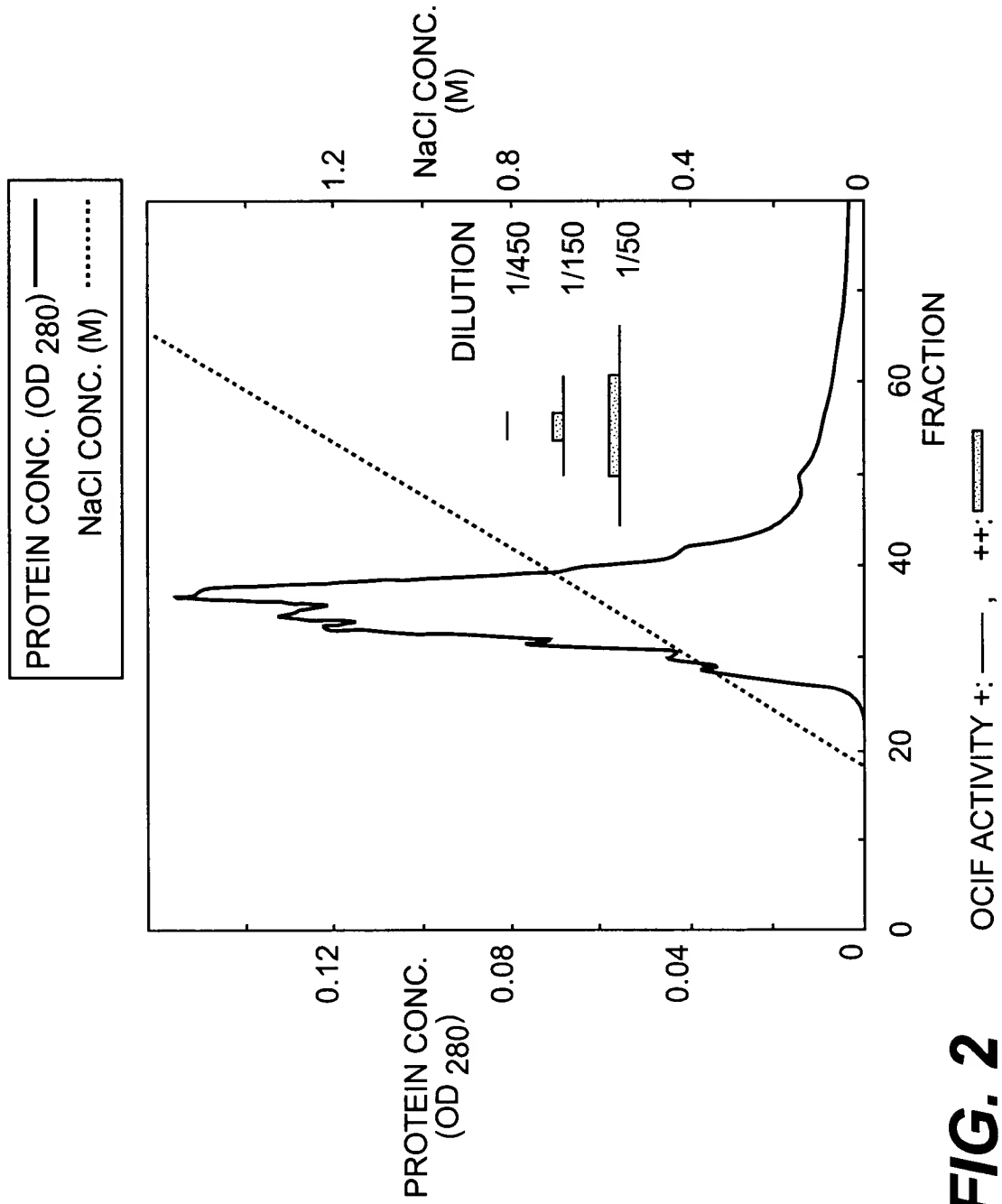


FIG. 2

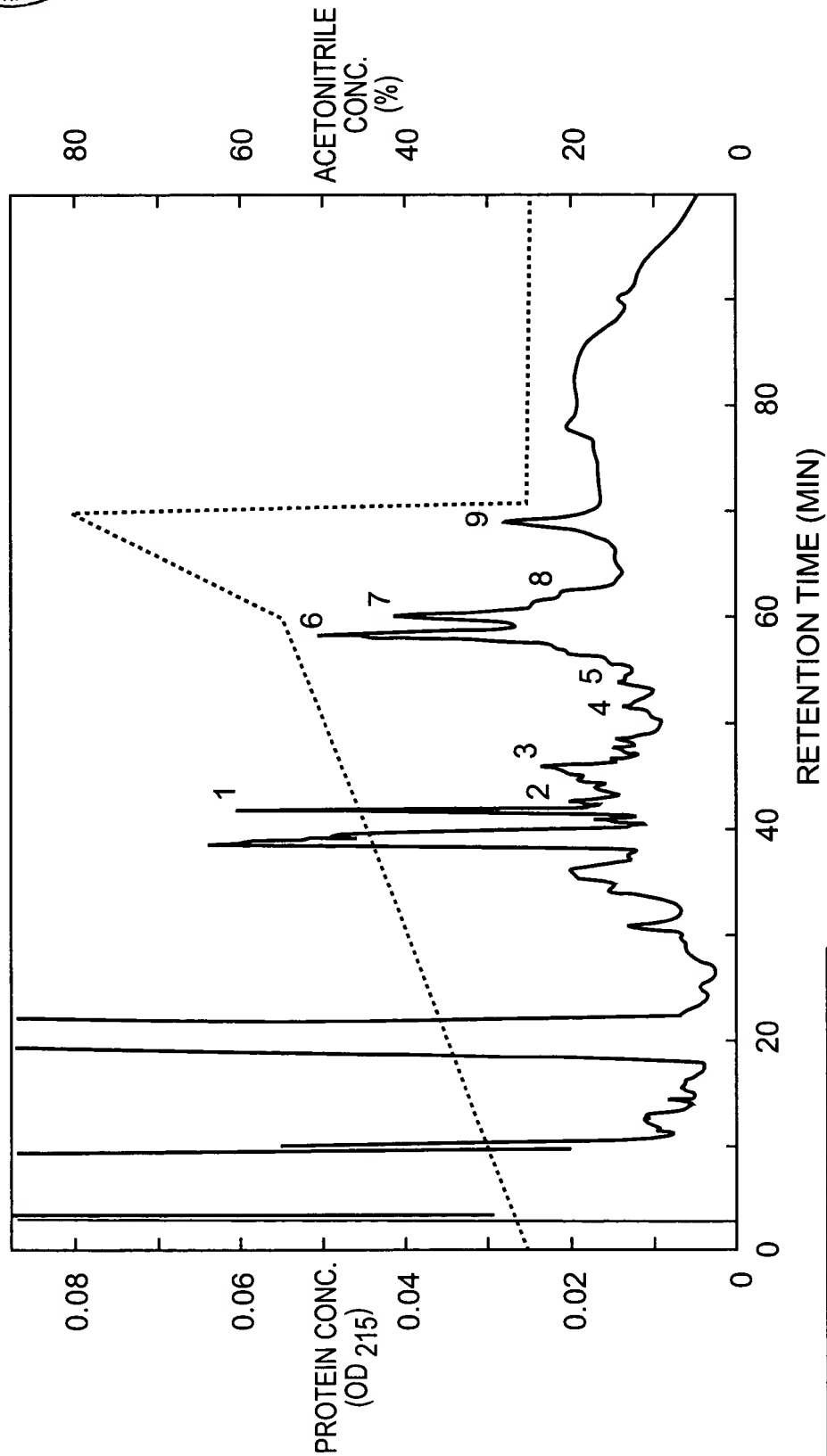


FIG. 3

PROTEIN CONC. (OD 215) —
ACETONITRILE CONC. (%)

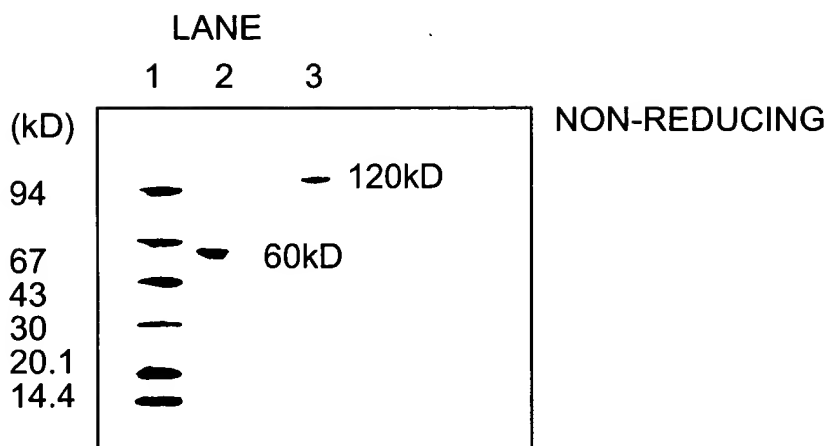


FIG. 4A

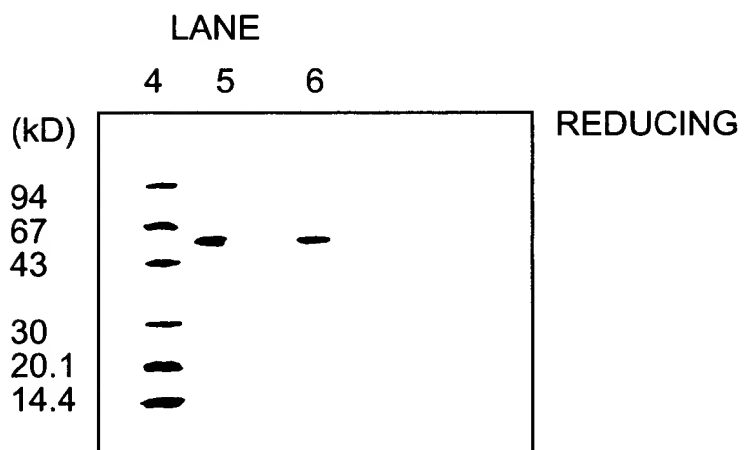


FIG. 4B

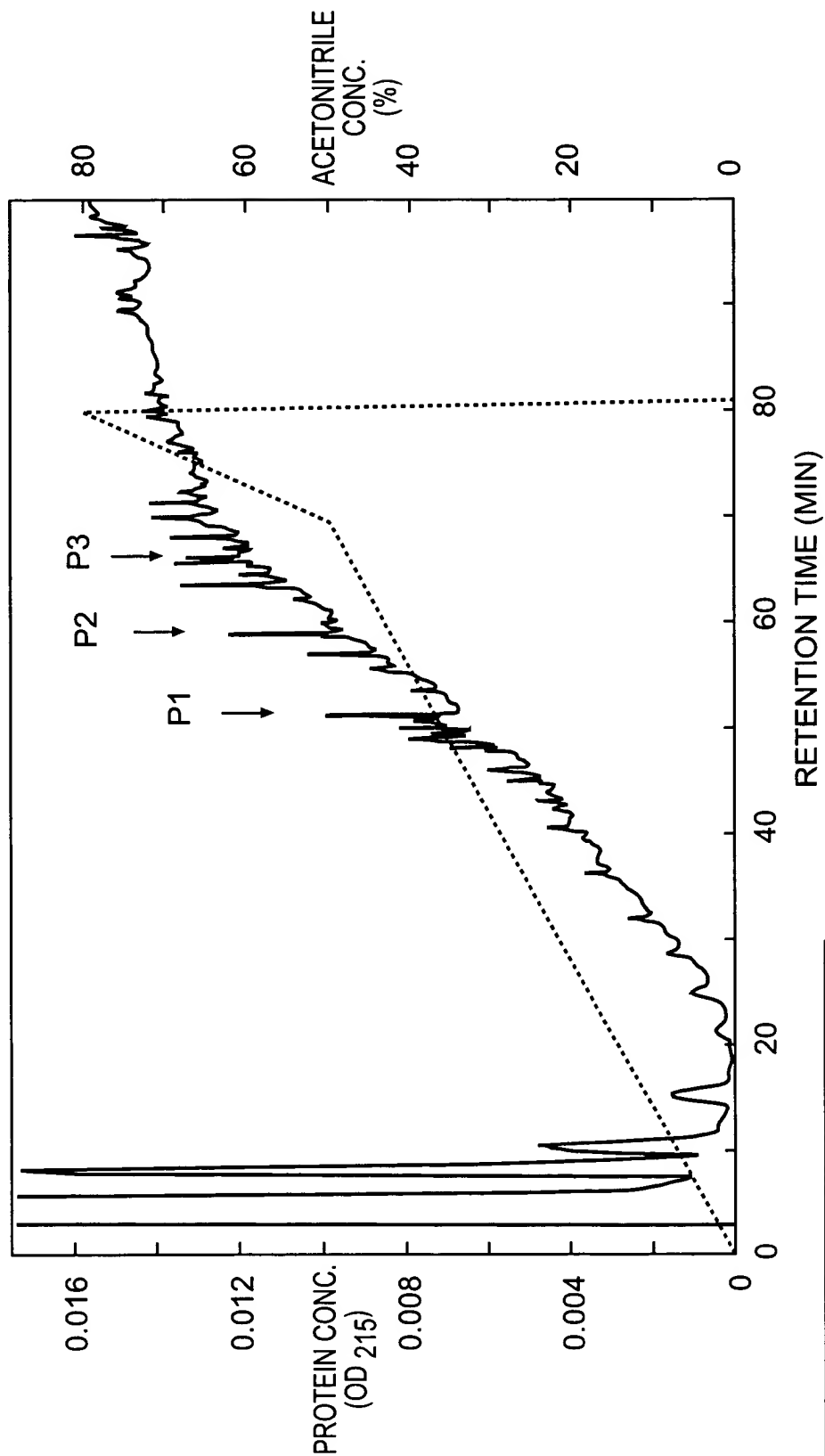


FIG. 5

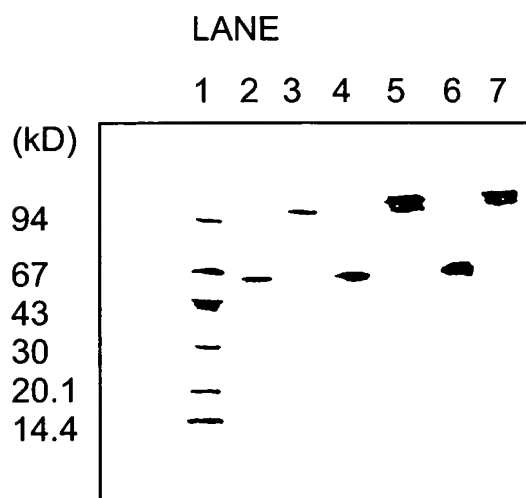


FIG. 6

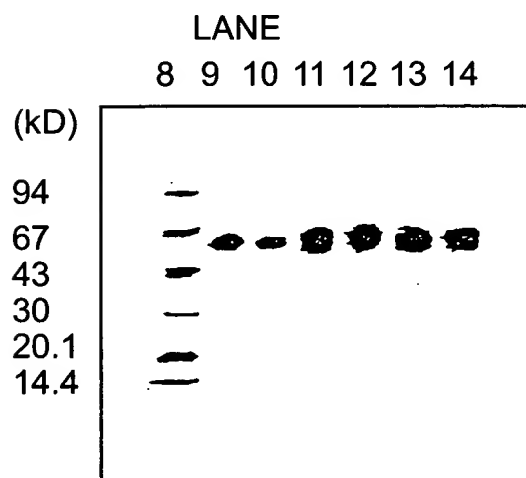


FIG. 7

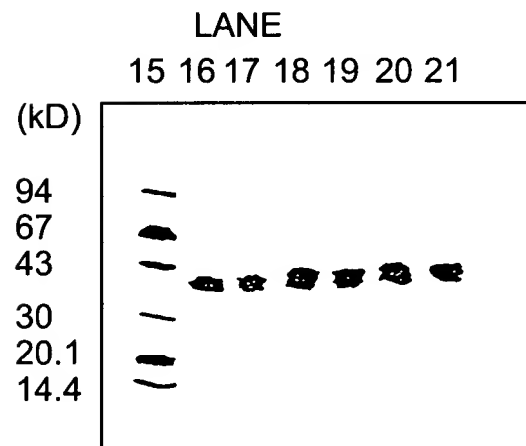


FIG. 8



1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)

MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKPPGTYLKQHCTAKWKT (OCIF2, SEQ ID NO:9)
1

61
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSPVCKE-----CNRTHNRVCECKEGRYLEIEFCLK (OCIF2, SEQ ID NO:9)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF2, SEQ ID NO:9)
114

181
HDNICSNSESTQKCGIDVTLC EEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNICSNSESTQKCGIDVTLC EEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF2, SEQ ID NO:9)
174

241
KRQHSSQEQT FQLKLWKHQNKDQDI VKKII QDIDL CENS VQRHI GHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQT FQLKLWKHQNKDQDI VKKII QDIDL CENS VQRHI GHANLTFEQLRSLME (OCIF2, SEQ ID NO:9)
234

301
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF1, SEQ ID NO:5)

SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF2, SEQ ID NO:9)
294

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF2, SEQ ID NO:9)
354

FIG. 9



1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF3, SEQ ID NO:11)
1

61
VCAPCPDHYTDSWHTSDECLYCSFVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSFVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF3, SEQ ID NO:11)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF3, SEQ ID NO:11)
121

181
HDNI CSGNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNI CSGNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF3, SEQ ID NO:11)
181

241
KRQHSSQEQTFFQLLKLWKHQNKDQDI VKKI IQDIDLCEMSVQRHIGHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTFFQLLKLWKHQNKDQDI VKKI IQDIDLCEMSVQRHIGHANLS----- (OCIF3, SEQ ID NO:11)
241

301
SLPGKKVGAEDIEKTI KACKPSDQILKLLSLWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF1, SEQ ID NO:5)

-----LWRI KNGDQDTLKGLMHALKHSKTYHFPKT (OCIF3, SEQ ID NO:11)
292

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMI GNQVQSVKI SCL (OCIF3, SEQ ID NO:11)
322

FIG. 10



1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCSLVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF4, SEQ ID NO:13)
1
61
VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF4, SEQ ID NO:13)
61
121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTCQCAAKLIRIMQSQIVVTV (OCIF4, SEQ ID NO:13)
121

FIG. 11

1
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNNLLCCALVFLDI SI KWTQTETFPKYLHYDEETSHQLLCDKCPPGYLKQHCTAKWKT (OCIF5, SEQ ID NO:15)
1
61
VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYTDSWHTSDECLYCSVPCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF5, SEQ ID NO:15)
61
121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGCRRRPPKQICI (OCIF5, SEQ ID NO:15)
121

FIG. 12

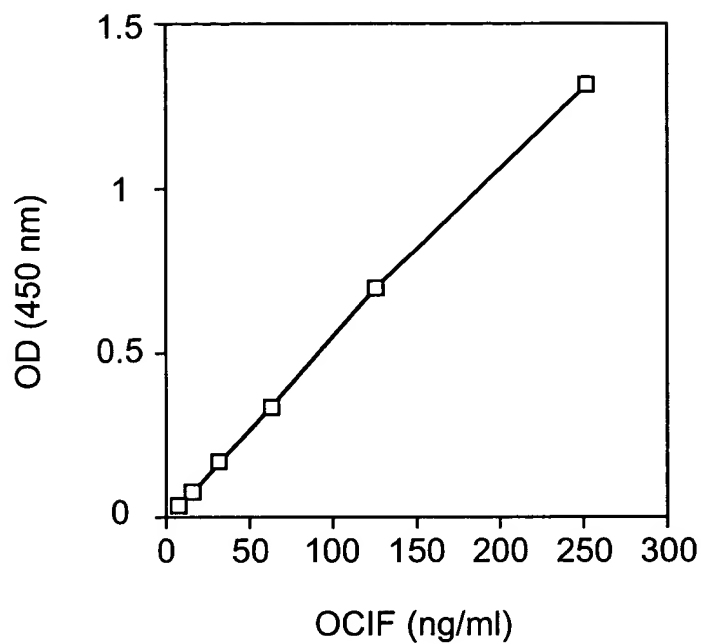


FIG. 13

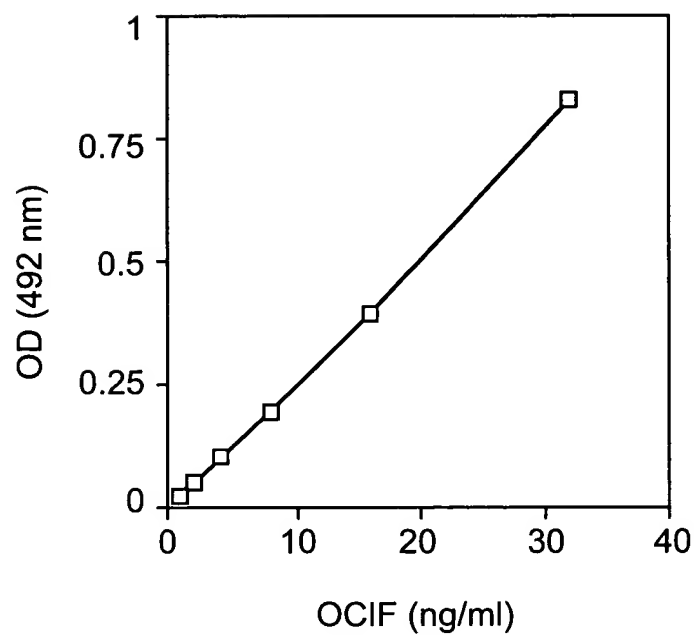
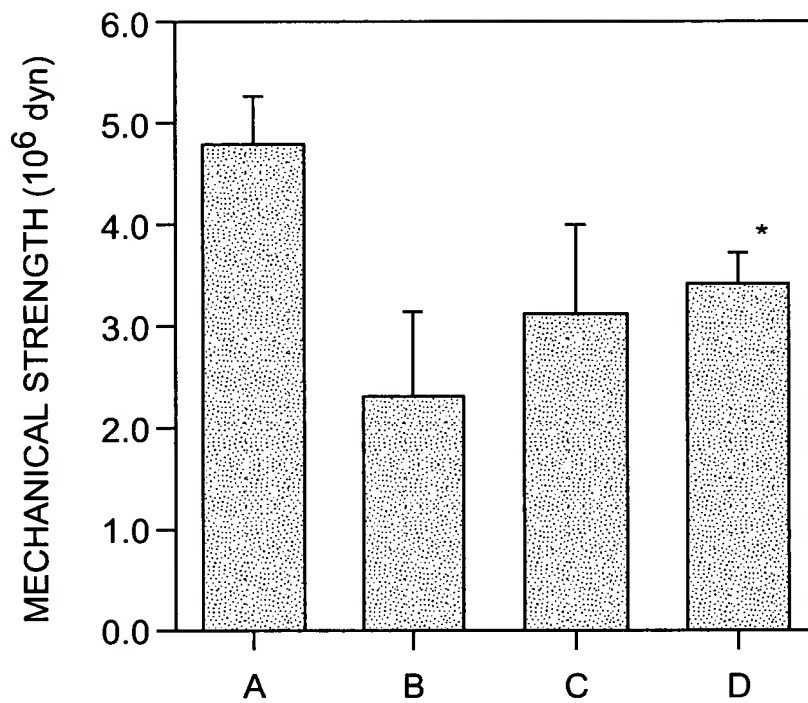


FIG. 14



A: NORMAL RAT
B: DENERVED RAT + VEHICLE
C: DENERVED RAT + OCIF 10 µg/kg/day
D: DENERVED RAT + OCIF 100 µg/kg/day

FIG. 15